

PROJECT NOTE

Date: September 23, 2009

Project Number: TTEMI-05-003-0001

Name: Quinn Kelley

Title: Environmental Scientist

Firm: Tetra Tech

Signature: *Quinn Kelley*

Subject: Chain-of-Custody Records

PROJECT NOTE SUMMARY

Attached are the chain-of-custody records for samples collected during the supplemental sampling event conducted the week of April 27, 2009.

RESPONSE REQUIRED

(x) None () Phone Call () Memo () Letter () Report

cc: File (x) Project Manager () Principal Investigator () Other (specify)



USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 38504

DAS No:

R

Region: 4	Date Shipped: 4/27/2009	Chain of Custody Record	Sampler Signature: <i>Alicia Shultz 4/27/09</i>
Project Code: 09-0428	Carrier Name: FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code: 09-0428	Airbill: 868211661488	1 <i>Alicia Shultz 4/27/09 2030</i>	
CERCLIS ID: TND098071061	Shipped to: SVL Analytical Inc. One Government Gulch Kellogg ID 83837 (208) 784-1258	2	
Spill ID:		3	
Site Name/State: Smokey Mountain Smelters/TN		4	
Project Leader: Alicia Shultz			
Action: Remedial Investigation			
Sampling Co: REAC			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	QC Type
MD5731	Surface Soil/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-02-SF	S: 4/27/2009	14:11	D5731	--
MD5732	Surface Soil/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-03-SF	S: 4/27/2009	14:20	D5732	--
MD5734	Surface Soil/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-04-SF	S: 4/27/2009	14:35	D5734	--
MD5735	Waste/ Bruce Pullen	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-01-WA	S: 4/27/2009	12:25	D5735	--
MD5736	Waste/ Bruce Pullen	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-02-WA	S: 4/27/2009	12:39	D5736	--
MD5737	Waste/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-03-WA	S: 4/27/2009	17:10	D5737	--
MD5738	Waste/ Chris French	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-04-WA	S: 4/27/2009	16:40	D5738	--
MD5742	Surface Soil/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (21)	(21) <i>OK</i>	SMS-04-SF-DUP	S: 4/27/2009	14:35	D5742	Field Duplicate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>Alicia Shultz 04/27/09</i>	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____
CN = Cyanide, ICPMET, Hg = ICP Metals, Hg			

TR Number: 4-043013577-042709-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4500



USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record

Case No: 38504

DAS No:

R

Region: 4	Date Shipped: 4/27/2009	Chain of Custody Record Relinquished By (Date / Time) Received By (Date / Time) 1 <i>Quintana</i> 4/27/09 2030 2 3 4	Sampler Signature: <i>Alicia Shultz</i> 04/27/09
Project Code: 09-0428	Carrier Name: FedEx		
Account Code: TND098071061	Airbill: 868211661477		
CERCLIS ID:	Shipped to: Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100		
Spill ID:			
Site Name/State: Smokey Mountain Smelters/TN			
Project Leader: Alicia Shultz			
Action: Remedial Investigation			
Sampling Co: REAC			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
D5731	Surface Soil/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-02-SF	S: 4/27/2009	14:11	MD5731	--
D5732	Surface Soil/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-03-SF	S: 4/27/2009	14:20	MD5732	--
D5734	Surface Soil/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-04-SF	S: 4/27/2009	14:35	MD5734	--
D5735	Waste/ Bruce Pullen	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-01-WA	S: 4/27/2009	12:25	MD5735	--
D5736	Waste/ Bruce Pullen	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-02-WA	S: 4/27/2009	12:39	MD5736	--
D5737	Waste/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-03-WA	S: 4/27/2009	17:10	MD5737	--
D5738	Waste/ Chris French	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-04-WA	S: 4/27/2009	16:40	MD5738	--
D5739	Trip Blank Soil/ Ken Woodruff	M/G	VOA (21) <i>% Moisture</i>	(Ice Only) 4 <i>1360</i> <i>(ice only) (1) OK</i>	SMS-TS-01	S: 4/27/2009	18:05		Trip Blank
D5741	Trip Blank Water/ Ken Woodruff	M/G	VOA (21)	(HCL) (3)	SMS-TW-01	S: 4/27/2009	18:00		Trip Blank
D5742	Surface Soil/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) 4 <i>OK</i>	SMS-04-SF-DUP	S: 4/27/2009	14:35	MD5742	Field Duplicate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>Alicia Shultz</i> 04/27/09	Chain of Custody Seal Number:
Analysis Key: PEST = PEST, SVOA, ARO = SVOA, ARO, VOA = Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 4-043013577-042709-0002

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 38504

DAS No:

R

Region: 4	Date Shipped: 4/28/2009	Chain of Custody Record	Sampler Signature: <i>Alicia Shultz 4/28/09</i>	
Project Code: 09-0428	Carrier Name: FedEx		Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:	Airbill: 859694989161		1 <i>Quintana 4/28/09 1930</i>	
CERCLIS ID: TND098071061	Shipped to: SVL Analytical Inc. One Government Gulch Kellogg ID 83837 (208) 784-1258		2	
Spill ID:			3	
Site Name/State: Smokey Mountain Smelters/TN		4		
Project Leader: Alicia Shultz				
Action: Remedial Investigation				
Sampling Co: REAC				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MD5743	Sediment/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (2) (21)		SMS-02-SD	S: 4/28/2009 9:30	D5743	--
MD5744	Sediment/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (2) (21)		SMS-02-SD-DUP	S: 4/28/2009 9:30	D5744	Field Duplicate
MD5747	Sediment/ Ken Woodruff	M/G	CN (21), ICPMET, Hg (Ice Only) (2) (21)		SMS-03-SD	S: 4/28/2009 9:00	D5747	--
MD5754	Waste/ Ken Woodruff	M/G	CN (21), ICPMET, Hg (Ice Only) (2) (21)		SMS-05-WA	S: 4/28/2009 12:10	D5754	Lab QC
MD5755	Waste/ Ken Woodruff	M/G	CN (21), ICPMET, Hg (Ice Only) (2) (21)		SMS-06-WA	S: 4/28/2009 14:15	D5755	--
MD5756	Waste/ Ken Woodruff	M/G	CN (21), ICPMET, Hg (Ice Only) (2) (21)		SMS-07-WA	S: 4/28/2009 14:30	D5756	--
MD5757	Surface Soil/ Bruce Pullen	M/G	CN (21), ICPMET, Hg (Ice Only) (6) (21)		SMS-01-SF	S: 4/28/2009 14:30	D5757	Lab QC
<i>12/7/09 AS</i> MD5758	Sediment/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (6) (21)		SMS-01-SD	S: 4/28/2009 15:15	D5758	Lab QC <i>4/27/09 AS</i>
MD5764	Subsurface Soil/ Bruce Pullen	M/G	CN (21), ICPMET, Hg (HNO3), (Ice Only) (2) (21)		SMS-01-SB	S: 4/28/2009 16:30	D5764	--

Shipment for Case Complete? <i>YN</i>	Sample(s) to be used for laboratory QC: MD5757, MD5758	Additional Sampler Signature(s): <i>Alicia Shultz 4/28/09</i>	Chain of Custody Seal Number:
Analysis Key: CN = Cyanide, ICPMET, Hg = ICP Metals, Hg	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 4-043013577-042809-0001

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USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 38504

DAS No:

R

Region: 4	Date Shipped: 4/28/2009	Chain of Custody Record	Sampler Signature: <i>Alicia Shultz 4/28/09</i>
Project Code: 09-0428	Carrier Name: FedEx		
Account Code: TND098071061	Airbill: 859694989150	Relinquished By (Date / Time)	Received By (Date / Time)
CERCLIS ID: TND098071061	Shipped to: Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100	1 <i>Quintez 4/28/09 1930</i>	
Spill ID:		2	
Site Name/State: Smokey Mountain Smelters/TN		3	
Project Leader: Alicia Shultz		4	
Action: Remedial Investigation			
Sampling Co: REAC			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
10A D5744	Sediment/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (5)	SMS-02-SD	S: 4/28/2009	9:30	MD5743	--
10A D5745	Sediment/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (5)	SMS-02-SD-DUP	S: 4/28/2009	9:30	MD5744	Field Duplicate
10A D5746	Sediment/ Ken Woodruff	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (5)	SMS-03-SD	S: 4/28/2009	9:00	MD5747	--
D5750	Surface Water/ Alicia Shultz	M/G	PCB ARO (21), PEST (21), SVOA (21), VOA (21)	(HCL), (Ice Only) (9)	SMS-02-SW	S: 4/28/2009	9:15		--
D5751	Surface Water/ Alicia Shultz	M/G	PCB ARO (21), PEST (21), SVOA (21), VOA (21)	(HCL), (Ice Only) (9)	SMS-02-SW-DUP	S: 4/28/2009	9:15		Field Duplicate
D5752	Surface Water/ Ken Woodruff	M/G	PCB ARO (21), PEST (21), SVOA (21), VOA (21)	(HCL), (Ice Only) (9)	SMS-03-SW	S: 4/28/2009	8:45		--
D5753	Surface Water/ Alicia Shultz	M/G	PCB ARO (21), PEST (21), SVOA (21), VOA (21)	(HCL), (Ice Only) (9)	SMS-04-SW	S: 4/28/2009	10:30		--
10A D5747	Waste/ Ken Woodruff	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (5)	SMS-05-WA	S: 4/28/2009	12:10	MD5754	Lab QC
10A D5748	Waste/ Ken Woodruff	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (5)	SMS-06-WA	S: 4/28/2009	14:15	MD5755	--
10A D5749	Waste/ Ken Woodruff	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (5)	SMS-07-WA	S: 4/28/2009	14:30	MD5756	--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D5757, D5758, D5761	Additional Sampler Signature(s): <i>Alicia Shultz 4/28/09</i>	Chain of Custody Seal Number:
Analysis Key: PCB ARO = PCB Aroclor, PEST = PEST, SVOA = SVOA, SVOA, ARO = SVOA, ARO, VOA = Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 4-043013577-042809-0002

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USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 38504

DAS No:

R

Region: 4	Date Shipped: 4/28/2009	Chain of Custody Record	Sampler Signature: <i>Alice</i> 4/28/09
Project Code: 09-0428	Carrier Name: FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code: 09-0428	Airbill: 859694989150	1 <i>Quickly</i> 4/28/09 1930	
CERCLIS ID: TND098071061	Shipped to: Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100	2	
Spill ID:		3	
Site Name/State: Smokey Mountain Smelters/TN		4	
Project Leader: Alicia Shultz			
Action: Remedial Investigation			
Sampling Co: REAC			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
<i>DA D5781</i> D5757	Surface Soil/ Bruce Pullen	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (15)	SMS-01-SF	S: 4/28/2009	14:30	MD5757	Lab QC
<i>DA D5780</i> D5758	Sediment/ Alicia Shultz	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (15) <i>3 VOCs only</i>	SMS-01-SD	S: 4/28/2009	15:15	MD5758	Lab QC
D5761	Surface Water/ Alicia Shultz	M/G	PCB ARO (21), PEST (21), SVOA (21), VOA (21)	(HCL), (Ice Only) (27)	SMS-01-SW	S: 4/28/2009	15:00		Lab QC
D5762	Trip Blank Soil/ Quinn Kelley	M/G	VOA (21)	(Ice Only) (4)	SMS-TS-02	S: 4/28/2009	16:30		Trip Blank
D5763	Trip Blank Water/ Quinn Kelley	M/G	VOA (21)	(HCL) (3)	SMS-TW-02	S: 4/28/2009	16:30		Trip Blank
<i>DA D5782</i> D5764	Subsurface Soil/ Bruce Pullen	M/G	PEST (21), SVOA, ARO (21), VOA (21)	(Ice Only) (5)	SMS-01-SB	S: 4/28/2009	16:30	MD5764	--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D5757, D5758, D5761	Additional Sampler Signature(s): <i>Alice</i> 4/28/09	Chain of Custody Seal Number:
Analysis Key: PCB ARO = PCB Aroclor, PEST = PEST, SVOA = SVOA, SVOA, ARO = SVOA, ARO, VOA = Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 4-043013577-042809-0002

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USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 38504

DAS No:

R

Region: 4	Date Shipped: 4/29/2009	Chain of Custody Record	Sampler Signature: <i>Alicia Shultz 4/29/09</i>	
Project Code: 09-0428	Carrier Name: FedEx		Relinquished By (Date / Time)	Received By (Date / Time)
Account Code: TND098071061	Airbill: 859694989194		1 <i>Alicia Shultz 4/29/09 2009</i>	
CERCLIS ID: TND098071061	Shipped to: SVL Analytical Inc. One Government Gulch Kellogg ID 83837 (208) 784-1258		2	
Spill ID:			3	
Site Name/State: Smokey Mountain Smelters/TN		4		
Project Leader: Alicia Shultz				
Action: Remedial Investigation				
Sampling Co: REAC				

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MD5758	Sediment/ Alicia Shultz	M/G	CN (21), ICPMET, Hg (Ice Only) (6) (21)		SMS-01-SD	S: 4/28/2009 15:15	D5758	Lab QC

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: MD5758	Additional Sampler Signature(s): <i>Alicia Shultz 4/29/09</i>	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____
CN = Cyanide, ICPMET, Hg = ICP Metals, Hg			

TR Number: 4-043013577-042909-0001

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USEPA Contract Laboratory Program Organic Traffic Report & Chain of Custody Record

Case No: 38504

DAS No:

R

Region: 4	Date Shipped: 4/29/2009	Chain of Custody Record Relinquished By (Date / Time) Received By (Date / Time) 1 <i>Quintana 4/29/09 2:00</i> 2 3 4	Sampler Signature: <i>Alicia Shultz 4/29/09</i>
Project Code: 09-0428	Carrier Name: FedEx		
Account Code:	Airbill: 859694989183		
CERCLIS ID: TND098071061	Shipped to: Liberty Analytical Corporation 501 Madison Avenue Cary NC 27513 (919) 379-4100		
Spill ID:			
Site Name/State: Smokey Mountain Smelters/TN			
Project Leader: Alicia Shultz			
Action: Remedial Investigation			
Sampling Co: REAC			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
D5758	Sediment/ Alicia Shultz	M/G	PEST (21), SVOA, (Ice Only) (6) ARO (21)		SMS-01-SD	S: 4/28/2009	15:15	MD5758	Lab QC
D5765	Trip Blank Soil/ Ken Woodruff	M/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-TS-01	S: 4/27/2009	18:05		Trip Blank
D5766	Potable Water/ Bruce Pullen	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-02-PW	S: 4/29/2009	10:57		--
D5767	Potable Water/ Chris French	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-03-PW	S: 4/29/2009	10:27		--
D5768	Potable Water/ Ken Woodruff	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-04-PW	S: 4/29/2009	11:35		--
D5769	Potable Water/ Bruce Pullen	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-05-PW	S: 4/29/2009	12:05		--
D5770	Potable Water/ Ken Woodruff	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-01-PW	S: 4/29/2009	9:40		--
D5771	Equipment Rinse Blank/ Alicia Shultz	M/G	PCB ARO (21), PEST (Ice Only) (9) (21), SVOA (21), VOA (21)		SMS-EB-01	S: 4/29/2009	8:30		Rinsate
D5772	Trip Blank Water/ Alicia Shultz	L/G	TVOA (21) (HCL) (3)		SMS-TW-03	S: 4/29/2009	14:15		Trip Blank
D5773	Potable Water/ Chris French	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-06-PW	S: 4/29/2009	14:25		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D5758	Additional Sampler Signature(s): <i>Alicia Shultz 4/29/09</i>	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____
PCB ARO = PCB Aroclor, PEST = PEST, SVOA = SVOA, SVOA, ARO = SVOA, ARO, SVSIM = SVSIM, TVOA = Trace VOA, VOA = Volatiles			

TR Number: 4-043013577-042909-0002

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DAS No:

R

Region: 4	Date Shipped: 4/29/2009	Chain of Custody Record	Sampler Signature: <i>Alicia Shultz 4/29/09</i>	
Project Code: 09-0428	Carrier Name: FedEx		Relinquished By (Date / Time)	Received By (Date / Time)
Account Code: TND098071061	Airbill: 859694989183		1 <i>Ken Woodruff 4/29/09 2000</i>	
Spill ID:	Shipped to: Liberty Analytical Corporation		2	
Site Name/State: Smokey Mountain Smelters/TN	501 Madison Avenue		3	
Project Leader: Alicia Shultz	Cary NC 27513	4		
Action: Remedial Investigation	(919) 379-4100			
Sampling Co: REAC				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
D5774	Potable Water/ Ken Woodruff	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-07-PW	S: 4/29/2009	14:50		--
D5775	Potable Water/ Bruce Pullen	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-08-PW	S: 4/29/2009	15:22		--
D5776	Potable Water/ Chris French	L/G	PCB ARO (21), PEST (HCL), (Ice Only) (9) (21), SVSIM (21), TVOA (21)		SMS-09-PW	S: 4/29/2009	16:30		--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D5758	Additional Sampler Signature(s): <i>Alicia Shultz 4/29/09</i>	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____
PCB ARO = PCB Aroclor, PEST = PEST, SVOA = SVOA, SVOA, ARO = SVOA, ARO, SVSIM = SVSIM, TVOA = Trace VOA, VOA = Volatiles			

TR Number: 4-043013577-042909-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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F2V5.1.047 Page 2 of 2



USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 38504

Client No:

SDG No:

L

Date Shipped: 4/29/2009 Carrier Name: FedEx Airbill: 859694989209 Shipped to: Science and Ecosystem Support Division 980 College Station Road Athens GA 30605 (706) 355-8500	Chain of Custody Record		Sampler Signature: <i>Alicia Shultz</i> 4/29/09	For Lab Use Only Lab Contract No: _____ Unit Price: _____ Transfer To: _____ Lab Contract No: _____ Unit Price: _____	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>Quintrell</i>	4/29/09 7:00			
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SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
SMS-01-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-01-PW	S: 4/29/2009 9:40	
SMS-02-PW	Potable Water/ Bruce Pullen	M/G	Chloride (21)	(Ice Only) (1)	SMS-02-PW	S: 4/29/2009 10:57	
SMS-03-PW	Potable Water/ Chris Fench	M/G	Chloride (21)	(Ice Only) (1)	SMS-03-PW	S: 4/29/2009 10:27	
SMS-04-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-04-PW	S: 4/29/2009 11:35	
SMS-05-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-05-PW	S: 4/29/2009 12:05	
SMS-06-PW	Potable Water/ Bruce Pullen	M/G	Chloride (21)	(Ice Only) (1)	SMS-06-PW	S: 4/29/2009 14:25	
SMS-07-PW	Potable Water/ Chris Fench	M/G	Chloride (21)	(Ice Only) (1)	SMS-07-PW	S: 4/29/2009 14:50	
SMS-08-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-08-PW	S: 4/29/2009 15:22	
SMS-09-PW	Potable Water/ Bruce Pullen	M/G	Chloride (21)	(Ice Only) (1)	SMS-09-PW	S: 4/29/2009 16:30	
SMS-EB-01	Equipment Rinse Blank/ Alicia Shultz	M/G	Cyanide (21), Mercury (Ice Only) (3) (21), Metals (21)		SMS-EB-01	S: 4/29/2009 8:30	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>Alicia Shultz</i> 4/29/09	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ____	Shipment Iced? ____
Chloride = Chloride, Cyanide = CN, Mercury = Mercury, Metals = Metals				

TR Number: 4-043013577-042909-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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703/818-4500

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USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case 38504

Client No:

SDG No:

L

Date Shipped: 4/29/2009 Carrier Name: FedEx Airbill: 859694989209 Shipped to: Science and Ecosystem Support Division 980 College Station Road Athens GA 30605 (706) 355-8500	Chain of Custody Record		Sampler Signature: <i>Alicia Shultz</i> 4/29/09	For Lab Use Only Lab Contract No: _____ Unit Price: _____ Transfer To: _____ Lab Contract No: _____ Unit Price: _____	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>Alicia Shultz</i>	4/29/09 2000			
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SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
SMS-PB-01	Preservative Blank/ Alicia Shultz	M/G	Cyanide (21), Mercury (HNO ₃), (NaOH) (3) (21), Metals (21)		SMS-PB-01	S: 4/29/2009 8:30	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>Alicia Shultz</i> 4/29/09	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? _____	Shipment Iced? _____
Chloride = Chloride, Cyanide = CN, Mercury = Mercury, Metals = Metals				

TR Number: 4-043013577-042909-0003

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**USEPA Contract Laboratory Program
Generic Chain of Custody**

Reference Case 38504

Client No:

SDG No:

L

Date Shipped: 4/28/2009 Carrier Name: FedEx Airbill: 859694989172 Shipped to: Science and Ecosystem Support Division 980 College Station Road Athens GA 30605 (706) 355-8500	Chain of Custody Record		Sampler Signature: <i>Alicia Shultz</i> 4/28/09	For Lab Use Only Lab Contract No: _____ Unit Price: _____ Transfer To: _____ Lab Contract No: _____ Unit Price: _____	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>Quintley</i>	4/28/09 1930			
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	3				
4					

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
SMS-02-SW	Surface Water/ Alicia Shultz	M/G	Cyanide (21), Mercury (HNO ₃), (NaOH) (3) (21), Metals (21)		SMS-02-SW	S: 4/28/2009 9:15	
SMS-02-SW-D UP	Surface Water/ Alicia Shultz	M/G	Cyanide (21), Mercury (HNO ₃), (NaOH) (3) (21), Metals (21)		SMS-02-SW-DUP	S: 4/28/2009 9:15	
SMS-03-SW	Surface Water/ Ken Woodruff	M/G	Cyanide (21), Mercury (HNO ₃), (NaOH) (3) (21), Metals (21)		SMS-03-SW	S: 4/28/2009 8:45	
SMS-04-SW	Surface Water/ Alicia Shultz	M/G	Cyanide (21), Mercury (HNO ₃), (NaOH) (3) (21), Metals (21)		SMS-04-SW	S: 4/28/2009 10:30	
SMS-05-SW SMS-01-SW	Surface Water/ Alicia Shultz	M/G	Cyanide (21), Mercury (HNO ₃), (NaOH) (9) (21), Metals (21)		SMS-01-SW	S: 4/28/2009 15:00	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: SMS-05-SW	Additional Sampler Signature(s): <i>Alicia Shultz</i> 4/28/09	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: Cyanide = CN, Mercury = Mercury, Metals = Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ____	Shipment Iced? ____

TR Number: 4-043013577-042809-0003

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**USEPA Contract Laboratory Program
Generic Chain of Custody**

Reference Case 38504

Client No:

SDG No:

L

Date Shipped: 4/29/2009 Carrier Name: FedEx Airbill: 859694989209 Shipped to: Science and Ecosystem Support Division 980 College Station Road Athens GA 30605 (706) 355-8500	Chain of Custody Record		Sampler Signature: <i>Alicia Shultz</i> 4/29/09	For Lab Use Only Lab Contract No: _____ Unit Price: _____ Transfer To: _____ Lab Contract No: _____ Unit Price: _____	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>Alicia Shultz</i>	4/29/09 7:00			
	2				
	3				
4					

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
SMS-01-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-01-PW	S: 4/29/2009 9:40	
SMS-02-PW	Potable Water/ Bruce Pullen	M/G	Chloride (21)	(Ice Only) (1)	SMS-02-PW	S: 4/29/2009 10:57	
SMS-03-PW	Potable Water/ Chris Fench	M/G	Chloride (21)	(Ice Only) (1)	SMS-03-PW	S: 4/29/2009 10:27	
SMS-04-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-04-PW	S: 4/29/2009 11:35	
SMS-05-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-05-PW	S: 4/29/2009 12:05	
SMS-06-PW	Potable Water/ Bruce Pullen	M/G	Chloride (21)	(Ice Only) (1)	SMS-06-PW	S: 4/29/2009 14:25	
SMS-07-PW	Potable Water/ Chris Fench	M/G	Chloride (21)	(Ice Only) (1)	SMS-07-PW	S: 4/29/2009 14:50	
SMS-08-PW	Potable Water/ Ken Woodruff	M/G	Chloride (21)	(Ice Only) (1)	SMS-08-PW	S: 4/29/2009 15:22	
SMS-09-PW	Potable Water/ Bruce Pullen	M/G	Chloride (21)	(Ice Only) (1)	SMS-09-PW	S: 4/29/2009 16:30	
SMS-EB-01	Equipment Rinse Blank/ Alicia Shultz	M/G	Cyanide (21), Mercury (21), Metals (21)	(Ice Only) (3)	SMS-EB-01	S: 4/29/2009 8:30	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>Alicia Shultz</i> 4/29/09	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key: Chloride = Chloride, Cyanide = CN, Mercury = Mercury, Metals = Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ____	Shipment Iced? ____

TR Number: 4-043013577-042909-0003

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**USEPA Contract Laboratory Program
Generic Chain of Custody**

Reference Case 38504

Client No:

SDG No:

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Date Shipped: 4/29/2009 Carrier Name: FedEx Airbill: 859694989209 Shipped to: Science and Ecosystem Support Division 980 College Station Road Athens GA 30605 (706) 355-8500	Chain of Custody Record		Sampler Signature: <i>Alicia Shultz</i> 4/29/09	For Lab Use Only Lab Contract No: _____ Unit Price: _____ Transfer To: _____ Lab Contract No: _____ Unit Price: _____	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>Alicia Shultz</i>	4/29/09 2:00			
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4					

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
SMS-PB-01	Preservative Blank/ Alicia Shultz	M/G	Cyanide (21), Mercury (HNO ₃), (NaOH) (3) (21), Metals (21)		SMS-PB-01	S: 4/29/2009 8:30	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>Alicia Shultz</i> 4/29/09	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
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Chloride = Chloride, Cyanide = CN, Mercury = Mercury, Metals = Metals				

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